APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/803,088	03/08/2001	Paul Duxbury	190-1472	8516

7590 06/16/2004		

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EXAMINER
TRAN, QUOC A

ART UNIT	PAPER NUMBER
2176	

DATE MAILED: 06/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>08 March 2001</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-12</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-12</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

        1.☒ Certified copies of the priority documents have been received.

        2.☒ Certified copies of the priority documents have been received in Application No. <u>GB00009013.4</u>.

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____ .

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____ .

DETAILED ACTION

1.   This action is responsive to application filed 03/08/2001.

2.   Claims 1-12 are currently pending in this application. Claims 1, 11, and 12 are

independent claims.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a
> foreign country or in public use or on sale in this country, more than one year
> prior to the date of application for patent in the United States.

Claims 1- 12 are rejected under 35 U.S.C. 102(b) as being unpatentable by

Donohue et al. US Patent No. 5,987,480 issued 11/16/1999 filed 07/26/1996

(Hereinafter' 480).

In regard to independent claim 1, "*method partially rendering an electronic*

template containing a plurality of tags, some which have corresponding end tags", as

taught by '480 at col. 1, lines 15-24, "*rendering the template, up to a specified tag, to*

produce partial output; restoring in the partial output any end tags subsequent to the

specified tag that are necessary to ensure that the partial output is well-formed; and

displaying partial output", as taught by '480 at col. 3, line 45 through col. 4, line 5 (i.e. ...

provide customized web pages to users in a manner which is transparent to the users

... document template ... dynamic content tags... first content is retrieved from the data source and the document template is populated to produce the document by substituting values corresponding to content names in the dynamic content tag(s)... the dynamic flow directive(s) or their corresponding value(s). The populated template is the document, which is then delivered to the second computer in response to the request).

In regard to dependent claim 2, "*parsing the template to generate an alternative representation of the template in which end tags are implicit; truncating said alternative representation by removing parts subsequent to the specified tag and using said alternative representation to generate said partial output, including the end tags necessary to ensure that partial output is well-formed*", as taught by '480 at col. 4, lines 40 -55 (i.e. ... parsing the document template to locate the control symbols and thereby locate the markers ... A template parser determines the nature of each marker. For dynamic tags, the name(s) and control symbols in the tags are replaced with the value(s) corresponding to the name(s) in the data source... instructions include IF or LOOP instructions. An If instruction includes a condition and action. The condition is evaluated and, if found to be true, the action is performed in the template).

In regard to dependent claim 3, "*parsing the template generate a parse tree having a branch at each tag for which there is corresponding end tag; truncating the parse tree to remove parts subsequent the specified tag, using the truncated parse tree to generate said partial output, including the end tags necessary to ensure that the partial output is well-formed*", as taught by '480 at col. 5, line 15 through col.4, line 35 (i.e.... automatically inheriting templates within a directory structure on the web server...

If no first default template exists in the directory, the path is changed to a directory,

which is one level higher than the directory in the hierarchy for a second default

template, that is, to the parent directory. If a second default template exists in the parent

directory, it is selected for use as the document template hierarchical directory structure

… selecting a document template corresponding to the desired document, populating

the document template with content stored in the data source based on respective

values of content corresponding to names in the dynamic tags and flow directives, and

delivering the populated document to the client computer).

In regard to dependent claim 4, *"wherein the template is an HTML document,*

including HTML tags", as taught by '480 at col. 10, lines 10-20 (i.e.…HTML

documents…HTML tags).

In regard to dependent claim 5, "wherein the template includes embedded

command tags, identifying information to be inserted into the template when it is

rendered*",* as taught by '480 at col. 8, lines 10-20 (i.e.… dynamic content tags 34 and

flow directives 36 embedded therein. In the preferred embodiments the documents are

encoded in HTML…in a manner similar to the placement of HTML tags in a

document…).

In regard to dependent claim 6, *"including keeping a count of the number of*

embedded command tags that have been executed during rendering, and terminating

the rendering when said count reaches a predetermined value", as taught by '480 at

col. 9, lines 20-25 (i.e. Alternatively, the names in the LOOP instruction can be

represented as arrays, with the values being sequentially incremented through the use

of well-known techniques such as array indexing or pointer arithmetic) also as taught by '480 at col. 5, lines 46-50 (i.e..... limited number of templates which are used in a number of circumstances).

In regard to dependent claim 7, *"wherein the embedded command tags include loop commands defining at least one loop, and wherein said count is incremented each time the loop is executed",* as taught by '480 at col. 9, lines 20-25 (i.e. Alternatively, the names in the LOOP instruction can be represented ...).

In regard to dependent claim 8, *"including inserting locator markers in the display of the partial output, each locator marker indicating the location of material that was generated from a particular command tag",* as taught by '480 at col. 3, lines 50-60 (i.e. ... plurality of markers embedded...).

In regard to dependent claim 9, *"A method according to claim 8 wherein selecting one of the locator markers automatically rewinds the display to the command tag corresponding to that marker",* as taught by '480 at col. 3, lines 50-60 (i.e. ... document template having second content arranged therein and a plurality of markers embedded therein. The markers can include one or more dynamic content tags each including at least one first content name...).

In regard to dependent claim 10, *"A method according to claim 8 wherein any locator marker corresponding to a command tag embedded within a link is queued until the link in which it is embedded closes",* as taught by '480 at col. 3, lines 50-60 (i.e. ...request issued by the second computer for the document is received at the first computer, at least some of the first content is retrieved from the data source and the

document template is populated to produce the document by substituting values corresponding to content names in the dynamic content tag(s)...).

In regard to independent claim 11, is directed to a computer system for performing the method of claim 1, and is similarly rejected along the same rationale.

In regard to independent claim 12, is directed to a computer program product for performing the method of claim 1, and is similarly rejected along the same rationale.

Conclusion

4.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Neisenl	U.S. Patent No. 6,078,935	issued 06,20,2000	filed 03/15,1999
Alexander	U.S. Patent No. 6,732,331B1	issued 05/04/2004	filed 02/15/2000
Friesen	U.S. Patent No. 6,636,863 B1	issued 10/21/2003	filed 09/13/2000

5.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is (703) 305-8781. The examiner can normally be reached on Monday through Friday from 8:30AM to 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on (703) 305-9792. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

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Quoc A. Tran

Patent Examiner

Technology Center 2176

June 10, 2004

JOSEPH FEILD

SUPERVISORY PATENT EXAMINER